

THE BUILDER.

THOMAS MILLINGTON,
IMPORTER AND DEALER IN PLATE, CROWN SHEET, ROUGH PLATE, AND COLOURED WINDOW GLASS.

BEST GLASS.
This article can be supplied of any thickness, either English or Foreign; the latter have passed in ONE, TWO, AND THREE HUNDRED FEET CASES, which is acknowledged to be FAR SUPERIOR IN QUALITY AND DURABLE in every respect to the best English glass, and is especially adapted for CONSERVATORIES, and for the growth of plants in glass cases in all weather.

PLATE GLASS.
of the finest finish and colour. Estimates for large and small quantities forwarded upon being furnished with particulars.

ROUGH PLATE GLASS.
Patrons named to be particular in the selection of this article, so that forced upon them, and to the best only, which is PERFECTLY FLAT, OF GOOD SUBSTANCE, AND REALLY COMBINES STRENGTH WITH ECONOMY.

87, BISHOPSGATE-STREET WITHOUT SAME SIDE AS THE EASTERN COUNTIES RAILWAY.

TO ARCHITECTS, BUILDERS, CONTRACTORS, &c.

HARTLEY'S PATENT ROUGH PLATE GLASS,

One-eighth of an inch thick, weighing two pounds to the foot, for RIDGE AND FURROW ROOFS, GREENHOUSES, RAILWAY STATIONS, ENGINE SHEDS, MILLS, MARKET HALLS, AND PUBLIC BUILDINGS GENERALLY.

SPECIMENS TO BE SEEN AT THE EXHIBITION of the extreme south-eastern end of the building, adjoining the United States department.

It being thus formally admitted that Glass is Rank of a permanent character, and weight is unnecessary, leading only to additional expense. Messrs. JAMES HARTLEY, ROUGH PLATE GLASS THAT COMBINES SIZE AND STRENGTH WITH ECONOMY OF COST.

THE PATENT ROUGH PLATE, one-eighth of an inch thick, or two pounds to the foot, is manufactured in some extremely for Ridge and Furrow Roofs 60 by 16 inches, thus giving a span of 16 feet, and is supplied in various sizes, from 8 by 4 inches and upwards. For further information apply to any respectable Glass Merchant in London or elsewhere. Messrs. JAMES HARTLEY and CO., Wear Glass Works, Sunderland. It can be supplied at a much lower cost than the common Rough Plate—May 1, 1881.

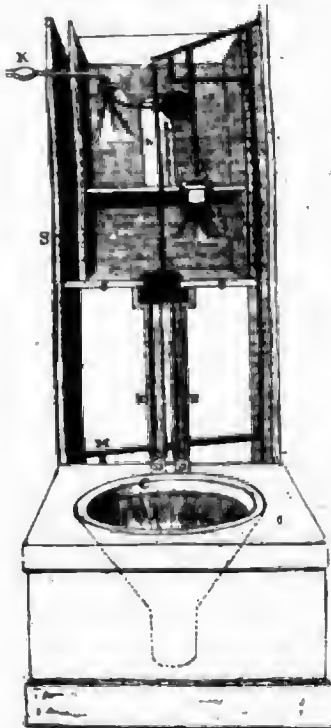
IMPORTANT TO THE SANITARY MOVEMENT.

PATENT FLUSHING SYPHON BASIN, AND SELF-ACTING CLOSET CONNECTIONS.

STEPHEN GREEN AND CO.,
PATENTEES.

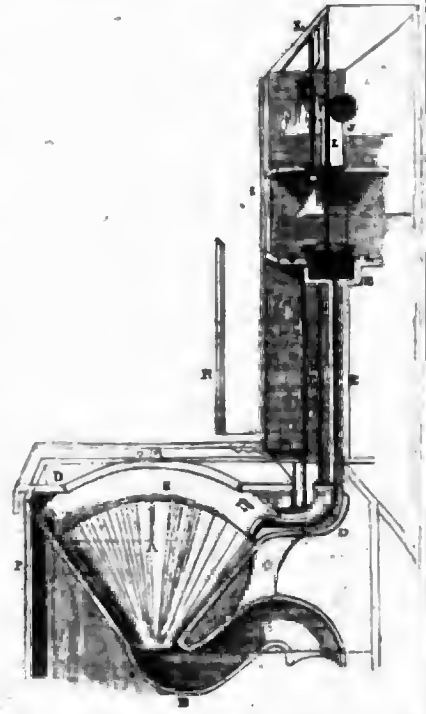
IMPERIAL POTTERIES,
LAMBETH.

FIG. NO. 1 IS A FRONT VIEW.



- A—Basin, showing the water flushing down the side, perpendicularly from the hollow rim or lip all round when in action.
- B—Syphon, showing the water trap as it always is, whether in use or out of use.
- C—Hollow rim to be all round the basin, with the water flushing down with great force perpendicularly.
- DD—Openings in the hollow rim of basin C, one leading to the right, the other to the left.
- EE—Two pipes leading from the manoir, but to the hollow rim C.
- F—Valve box on the bottom of manoir connected to pipes EE.
- G—Cistern manoir with valve in the bottom.
- H—Valve on the bottom.
- I—Drawing rod to the left of the valve, and attached to the lever M.
- J—Ball valve, leading off all pressure on the cistern from the water supply.
- K—Union joint, to attach the apparatus to the water supply, by means of a half-inch lead pipe, to any distance required.
- L—Water cistern connected with pen.
- M—Lever with ball attached.
- N—Counter weight at the end of rod I.
- O—Movable connected to lever M.
- P—Wood cast complete.
- Q—Seat girted.
- R—Lid to seat.

FIG. NO. 2 IS A SIDE SECTION.



Messrs. Green and Co. invite the attention of Architects, Builders, and Sanitary Engineers to the invention, which, from the simplicity of its construction, is well adapted for use in Asylums, Hospitals, and Public Buildings in general. It is complete in its construction, and its use can be found, without expense of time, all its necessary parts to be attached to the water supply. It has no Cranks or Wires, the basin is self-acting.

Important Testimonials in favour of Messrs. Stephen Green and Co.'s Patent Flushing Syphon Basins and Self-Acting Closet Connections.

Messrs. Stephen Green and Co., Oxford, November, 1880.
Gentlemen—Messrs. of your Patent Flushing Syphon Basins and Self-Acting Closet Connections having been put into operation at Christ Church College, I have great pleasure in giving you my testimony as to their efficiency and simplicity.
HENRY J. UNDERWOOD, Secretary.
R. S. MORGAN, Town Hall Yard, Epsom.

With reference to the above, I have tried up several of your Patent Flushing Syphon Basins and Self-Acting Closet Connections at various Colleges in Oxford, and have found them to be of great service in giving you the most efficient and simple of all the means of flushing, and I have not yet found one that is so simple and so effective as your Patent.

and trouble, as Messrs. Green and Co. have done, and constantly destroys the glass of the basin, and only from the force of the water from the top of the pan, leading it to fall in a solid form on the sides, while the SYPHON FLUSHING BASIN directs the whole of the water with great force perpendicularly down the side of the Basin, clearing all before it, and in this way with the greatest economy of water possible.

Green and Co.'s Patent Flushing Syphon Basin and Self-Acting Closet Connections.

Messrs. Stephen Green and Co., Oxford, January, 1881.
Gentlemen—I have tried up several of your Patent Flushing Syphon Basins and Self-Acting Closet Connections at various Colleges in Oxford, and have found them to be of great service in giving you the most efficient and simple of all the means of flushing, and I have not yet found one that is so simple and so effective as your Patent.

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R. S. MORGAN, Town Hall Yard, Epsom.

I am, Sir, yours, JOHN CAWLEY, Builder.

Also to be seen at the Royal Arsenal, Woolwich; Royal Military Academy, Sandhurst; Christ Church College, Oxford; Model Lodging Houses, Hulton Gardens; Rials Court, Chancery Lane, &c. &c. MODELS MAY BE SEEN IN OPERATION AT MESSRS. STEPHEN GREEN AND CO.'S MANUFACTORY.

Also a large assortment of every description of SANITARY ARTICLES to be highly approved and extensively used by Mr.

Messrs. Green and Co. of Woods and Furnish, Architects, and the large Colonies.